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JC960 U.S. PTO

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 Approved for use through 10/31/2002. OMB 0651-0032
 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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UTILITY PATENT APPLICATION TRANSMITTAL (Only for new nonprovisional applications under 37 CFR 1.53(b))	Attorney Docket No.	D-2696/WOD
	First Inventor	MORONEY, B. J. ET AL.
	Title	MANUFACTURING AND TESTING COMMUNICATIONS SYSTEM
	Express Mail Label No.	EK150899880US

APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.	ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Washington, DC 20231
1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <i>(Submit an original and a duplicate for fee processing)</i>	7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.	8. Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i>
3. <input checked="" type="checkbox"/> Specification [Total Pages 53] <i>(preferred arrangement set forth below)</i> <ul style="list-style-type: none">- Descriptive title of the invention- Cross Reference to Related Applications- Statement Regarding Fed sponsored R & D- Reference to sequence listing, a table, or a computer program listing appendix- Background of the Invention- Brief Summary of the Invention- Brief Description of the Drawings <i>(if filed)</i>- Detailed Description- Claim(s)- Abstract of the Disclosure	a. <input type="checkbox"/> Computer Readable Form (CRF)
4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 8]	b. Specification Sequence Listing on: <ul style="list-style-type: none">i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); orii. <input type="checkbox"/> paper
5. Oath or Declaration [Total Pages 6] <ul style="list-style-type: none">a. <input checked="" type="checkbox"/> Newly executed (original or copy)b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63 (d)) <i>(for continuation/divisional with Box 17 completed)</i>i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).	c. <input type="checkbox"/> Statements verifying identity of above copies
6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76	ACCOMPANYING APPLICATION PARTS
	9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s))
	10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input checked="" type="checkbox"/> Power of Attorney <i>(when there is an assignee)</i>
	11. <input type="checkbox"/> English Translation Document <i>(if applicable)</i>
	12. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input checked="" type="checkbox"/> Copies of IDS Citations
	13. <input type="checkbox"/> Preliminary Amendment
	14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i>
	15. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i>
	16. <input type="checkbox"/> Other:

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No. _____

Prior application information: Examiner _____ Group / Art Unit. _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18. CORRESPONDENCE ADDRESS					
<input type="checkbox"/> Customer Number or Bar Code Label			or <input checked="" type="checkbox"/> Correspondence address below		
(Insert Customer No. or Attach bar code label here)					
Name	William O'Driscoll - 12-1				
	The Trane Company				
Address	3600 Pammel Creek Road				
City	La Crosse	State	WI	Zip Code	54601
Country	United States	Telephone	608-787-2538	Fax	787-3755

Name (Print/Type)	William O'Driscoll	Registration No. (Attorney/Agent)	33,294
Signature	<i>William O'Driscoll</i>	Date	22 Dec. 2000

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**FEE TRANSMITTAL
for FY 2001**

Patent fees are subject to annual revision

Complete if Known

Application Number	
Filing Date	
First Named Inventor	MORONEY, B. J. ET AL.
Examiner Name	
Group Art Unit	
Attorney Docket No.	D-2696/WOD

TOTAL AMOUNT OF PAYMENT (\$)**2,212.00****METHOD OF PAYMENT**

- 1.
- ☒
- The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number	20-1434
Deposit Account Name	The Trane Company

- ☒
- Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

☐ Applicant claims small entity status. See 37 CFR 1.27

- 2.
- ☐
- Payment Enclosed:**

☐ Check ☐ Credit card ☐ Money Order ☐ Other**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105 130 205 65		Surcharge - late filing fee or oath	
127 50 227 25		Surcharge - late provisional filing fee or cover sheet	
139 130 139 130		Non-English specification	
147 2,520 147 2,520		For filing a request for <i>ex parte</i> reexamination	
112 920* 112 920*		Requesting publication of SIR prior to Examiner action	
113 1,840* 113 1,840*		Requesting publication of SIR after Examiner action	
115 110 215 55		Extension for reply within first month	
116 390 216 195		Extension for reply within second month	
117 890 217 445		Extension for reply within third month	
118 1,390 218 695		Extension for reply within fourth month	
128 1,890 228 945		Extension for reply within fifth month	
119 310 219 155		Notice of Appeal	
120 310 220 155		Filing a brief in support of an appeal	
121 270 221 135		Request for oral hearing	
138 1,510 138 1,510		Petition to institute a public use proceeding	
140 110 240 55		Petition to revive - unavoidable	
141 1,240 241 620		Petition to revive - unintentional	
142 1,240 242 620		Utility issue fee (or reissue)	
143 440 243 220		Design issue fee	
144 600 244 300		Plant issue fee	
122 130 122 130		Petitions to the Commissioner	
123 50 123 50		Petitions related to provisional applications	
126 240 126 240		Submission of Information Disclosure Stmt	
581 40 581 40		Recording each patent assignment per property (times number of properties)	80
146 710 246 355		Filing a submission after final rejection (37 CFR § 1.129(a))	
149 710 249 355		For each additional invention to be examined (37 CFR § 1.129(b))	
179 710 279 355		Request for Continued Examination (RCE)	
169 900 169 900		Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)**80****FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101 710 201 355		Utility filing fee	710
106 320 206 160		Design filing fee	
107 490 207 245		Plant filing fee	
108 710 208 355		Reissue filing fee	
114 150 214 75		Provisional filing fee	

SUBTOTAL (1) (\$)**710****2. EXTRA CLAIM FEES**

Total Claims	Extra Claims	Fee from below	Fee Paid
59	-20** = 39	18	702
12	-3** = 9	80	720
Multiple Dependent			

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
103 18 203 9		Claims in excess of 20
102 80 202 40		Independent claims in excess of 3
104 270 204 135		Multiple dependent claim, if not paid
109 80 209 40		** Reissue independent claims over original patent
110 18 210 9		** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)**1422**

**or number previously paid, if greater; For Reissues, see above

SUBMITTED BY

Name (Print/Type)	William O'Driscoll	Registration No (Attorney/Agent)	33,294	Telephone	608-787-2538
Signature	[Signature]		Date	22 Dec. 2000	

Complete (if applicable)

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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MULTIPLE DEPENDENT CLAIM FEE CALCULATION SHEET (For use with Form PTO/SB/06)								Application Number		Filing Date		
								Applicant(s) MORONEY, B. J. ET AL.				
								* May be used for additional claims or amendments				
CLAIMS	AS FILED		AFTER FIRST AMENDMENT		AFTER SECOND AMENDMENT		*		*		*	
	Indep	Depend	Indep	Depend	Indep	Depend	Indep	Depend	Indep	Depend	Indep	Depend
1	Ind.						51	50				
2		1					52	49				
3		2					53	Ind.				
4		3					54	53				
5		4					55	54				
6		5					56	55				
7		5					57	Ind.				
8		7					58	Ind.				
9	Ind.						59	Ind.				
10	Ind.						60					
11		10					61					
12		10					62					
13		12					63					
14		13					64					
15		14					65					
16		15					66					
17		16					67					
18		17					68					
19		18					69					
20		19					70					
21		20					71					
22		21					72					
23	Ind.						73					
24		23					74					
25		24					75					
26		24					76					
27		26					77					
28		27					78					
29		27					79					
30		29					80					
31		30					81					
32	Ind.						82					
33		32					83					
34		32					84					
35		34					85					
36		32					86					
37		32					87					
38	Ind.						88					
39		38					89					
40		39					90					
41		40					91					
42	Ind.						92					
43		42					93					
44		43					94					
45		43					95					
46		45					96					
47		46					97					
48		42					98					
49	Ind.						99					
50		49					100					
Total Indep							Total Indep	12				
Total Depend							Total Depend	47				
Total Claims							Total Claims	59				

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN THE PATENT APPLICATION OF:

BRADY J. MORONEY, MATTHEW A. SHEPECK
MARK D. BAINES, EARL O. SANDERS,
CALVIN H. PASVOGEL AND BRENDA K. BRICCO

U.S. SERIAL NO: UNKNOWN

GROUP: UNKNOWN

FILED: CONCURRENTLY

EXAMINER: UNKNOWN

FOR: MANUFACTURING AND TESTING
COMMUNICATIONS SYSTEM

La Crosse, Wisconsin
December 22, 2000

CERTIFICATE OF MAILING BY EXPRESS MAIL

UNDER 37 C.F.R. 1.10

Assistant Commissioner for Patents

Washington, D.C. 20231

Dear Sir:

I hereby certify that the attached "Patent Application" is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on December 22, 2000, and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231. The number of the Express Mailing label is EK150899880US.

Respectfully Submitted,

William O'Driscoll
Registration No. 33,294

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